



List of Patents and Publications for Information Disclosure Statement

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Serial No.:
Filed:

Sohail Malik
10/035,059
December 28, 2001

Docket 14164
Group: 3764
Examiner:

OCT 15 2002
TECHNOLOGY CENTER R3700

U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
L.T.	A1	2,040,879	05/19/36	Rigby			
	A2	2,040,880	05/19/36	Rigby			
	A3	2,510,993	06/13/50	Meyer et al.			
	A4	2,795,579	06/11/57	Doczi			
	A5	3,328,259	06/27/67	Anderson			
	A6	3,338,992	08/29/67	Kinney			
	A7	3,341,394	09/12/67	Kinney			
	A8	3,419,006	12/31/68	King			
	A9	3,542,615	11/24/70	Dobo et al.			
	A10	3,692,618	09/19/72	Dorschner et al.			
	A11	3,802,817	04/09/74	Matsuki et al.			
	A12	3,849,241	11/19/74	Butin et al.			
	A13	3,976,563	08/24/76	Scalco			
	A14	4,100,324	07/11/78	Anderson et al.			
	A15	4,147,775	04/03/79	Schwartz et al.			
	A16	4,147,831	04/03/79	Balint			
	A17	4,192,299	03/11/80	Sabatano			
	A18	4,340,563	07/20/82	Appel et al.			
	A19	4,474,769	10/02/84	Smith			
	A20	4,551,490	11/05/85	Doyle et al.			
	A21	4,659,700	04/21/87	Jackson			
	A22	4,795,668	01/03/89	Krueger et al.			
	A23	4,818,464	04/04/89	Lau			
	A24	4,929,722	05/29/90	Partain, III et al.			
	A25	4,946,870	08/07/90	Partain, III, et al.			
	A26	4,971,956	11/20/90	Suzuki et al.			
	A27	5,057,368	10/15/91	Largman et al.			
	A28	5,061,792	10/29/91	Albisetti et al.			
	A29	5,069,970	12/03/91	Largman et al.			
	A30	5,108,820	04/28/92	Kaneko et al.			
	A31	5,277,976	01/11/94	Hogle et al.			
	A32	5,300,494	04/05/94	Brode, II et al.			
	A33	5,336,552	08/09/94	Strack et al.			
	A34	5,382,400	01/17/95	Pike et al.			
	A35	5,466,410	11/14/95	Hills			
	A36	5,595,980	01/21/97	Brode et al.			
L.T.	A37	5,597,811	01/28/97	Gruber			



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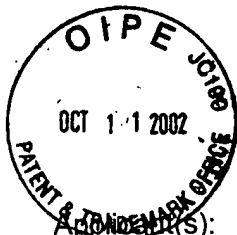
L.T.	A38	5,621,088	04/15/97	Gruber			
	A39	5,633,070	05/27/97	Murayama et al.			
	A40	5,736,532	04/07/98	Furda			
	A41	5,800,372	09/01/98	Bell et al.			

Foreign Patent Documents

Initials	Doc. No.	Date	Country	Class	Subclass	Trans.	
						Yes	No
L.T.	A1	3912122A1	10/25/90	DE	Translation of abstract only		X
L.T.	A2	0331471B1	09/06/89	EP			
	A3	0601080B1	06/15/94	EP			
	A4	0361722B1	12/08/93	EP			
	A5	1008330A2	06/14/00	EP			
	A6	97/28832	08/14/97	WO			
	A7	99/59647	11/25/99	WO			
	A8	00/12038	03/09/00	WO			

Other Documents

Initials	Author, Title, Date, Pages, etc.
L.T.	A1 Abstract, DE 3912122A1, Wella AG (Wela); Oct. 25, 1990.
	A2 Abstract, JP 60-219202A, Daicel Chem. Ind. Ltd., Nov. 1, 1995.
	A3 Abstract, JP 63-041503A, Takanori et al., Feb. 22, 1988.
	A4 Abstract, JP 63-041504A, Takanori et al., Feb. 22, 1988
	A5 Abstract, JP 08-157501A, Katakura Chikkarin KK et al., Jun. 18, 1996.
	A6 <u>Taber's® Cyclopedic Medical Dictionary</u> , Edition 18, F.A. Davis Co., 1997, p. 1085.
	A7 V.A. Wente et al., "Manufacture of Superfine Organic Fibers", <u>NRL Report 4364</u> (111437), Naval Research Laboratory, Washington, D.C., May, 1954.
	A8 K.D. Lawrence et al., "An Improved Device for the Formation of Superfine, Thermoplastic Fibers", <u>NRL Report 5265</u> (151412), Naval Research Laboratory, Washington, D.C., February, 1959.
	A9 A.R. Gennaro, "Medicated Topicals", <u>Remington: The Science and Practice of Pharmacy</u> , 20 th Edition, Copyright 2000, by the University of the Sciences in Philadelphia, , Chapter 44, pp. 836-857.
	A10 W. Malette, H. Quigley, R. Gaines, N. Johnson, W. Rainer, "Chitosan: A New Hemostatic", <u>Annals of Thoracic Surgery</u> , Vol. 36, No. 1, 1983, pp. 55-58.
	A11 R. Muzzarelli, R. Tarsi, O. Filippini, E. Giovanetti, G. Biagini, P. Varaldo, "Antimicrobial Properties of N-Carboxybutyl Chitosan", <u>Antimicrobial Agents and Chemotherapy</u> , Vol. 34, No. 10, Oct. 1990, pp. 2019-2023.
	A12 R. Muzzarelli, V. Baldassarre, F. Conti, P. Ferrara, G. Biagini, "Biological Activity of Chitosan: Ultrastructural Study", <u>Biomaterials</u> , Vol. 9, May 1988, pp. 247-252.

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2.T.	A13	A. Tokoro, N. Tatewaki, K. Suzuki, T. Mikami, S. Suzuki, M. Suzuki, "Growth-Inhibitory Effect of Hexa-N-Acetylchitoheptaose and Chitoheptaose Against Meth-A Solid Tumor", <u>Chem. Pharm. Bulletin</u> , Vol. 36, 1988, pp. 784-790.
	A14	Y. Machida, T. Nagai, K. Inouye, T. Sannan, <u>Chitin and Chitosan: Sources, Chemistry, Biochemistry, Physical Properties and Applications</u> , G. Skjak-Braek, T. Anthonsen, P. Sandford (Eds.), Elsevier Science Publishers Ltd., 1989, pp. 45-69, 101-118, 139-147, 567-576, 605-616, 657-669, 679-691.
	A15	R. Muzzarelli, C. Jeuniaux, G. Gooday, <u>Chitin in Nature and Technology</u> , Plenum Press, New York, 1986, pp. 435-460, pp. 507-512.
	A16	Y. Ohshima et al., "Clinical Application of Chitin Non-Woven Fabric as Wound Dressing", <u>European Journal of Plastic Surgery</u> , 1987, pp. 66-69.
	A17	<u>The Journal of the American Chemical Society</u> , Vol. LXVII, July-December 1945, pp. 1184-6.
	A18	P. Klokkevold, D. Lew, D. Ellis, C. Bertolami, "Effect of Chitosan on Lingual Hemostasis in Rabbits", <u>J. Oral Maxillofacial Surgery</u> , 1991, pp. 858-863.
	A19	J. Hokanson, P. Hayward, D. Carney, L. Phillips, M. Robson, "A Mathematical Model for the Analysis of Experimental Wound Healing Data", <u>Wounds</u> , Vol. 3, No. 6, November/December 1991, pp. 213-220.
	A20	J. Davidson, "Animal Models for Wound Repair", <u>Arch Dermatol Res.</u> , 290 (Suppl), 1998, pp. S1-S11.
	A21	J. Hegggers et al., "Beneficial Effect of Aloe on Wound Healing in an Excisional Wound Model", <u>The Journal of Alternative and Complementary Medicine</u> , Vol. 2, No. 2., 1996, pp. 271-277.
	A22	K. Nishimura, I. Azuma, <u>Chitin Derivatives in Life Sciences</u> , S. Tokura, I. Azuma, (Eds.), Japan Chitin Soc., 1992, pp. 7-11.
	A23	Muzzarelli et al., "Chitosans and Other Polysaccharides as Wound Dressing Materials", <u>Biomedical and Biotechnological Advances</u> , S. Stivala, V. Crescenzi, S. Stivala (Eds.), October 1988, pp. 77-88.
	A24	L. Illum, "Chitosan and Its Use as a Pharmaceutical Excipient", <u>Pharmaceutical Research</u> , Vol. 15, Nov. 9, 1998, pp. 1326-1331.
	A25	D.Singh, A.Ray, "Biomedical Applications of Chitin, Chitosan, and Their Derivatives", <u>Rev Macromol. Chem Phys.</u> , C40(1), 2000, pp. 69-83.
	A26	K. Nishimura, C. Ishihara, S. Ukei, S. Tokura, I. Azuma, "Stimulation of Cytokine Production in Mice Using Deacetylated Chitin", <u>Vaccine</u> , Vol. 4, Sept. 1986, pp. 151-156.
	A27	O. Felt, P. Buri, R. Gurny, "Chitosan: A Unique Polysaccharide for Drug Delivery", <u>Drug Development and Industrial Pharmacy</u> , 1998, pp. 979-993.
	A28	R. Muzzarelli et al., <u>Il Prodotto Chimico</u> , "La Cicatrizzazione Ottenuta Con Chitosani Idrosolubili", November 1987, pp. 5-8.
	A29	Abstract, "Shipin Kexue", Beijing, 1987, pp. 6-9.
2.T.	A30	E. Agullo, V. Ramos, M. Varillas, <u>Anales De La Asociacion Quimica Argentina</u> , Vol. 86, 1998, pp. 1-4.



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A.T.	A31	K. Suzuki et al., "Antitumor Effect of Hexa-N-Acetylchitohexaose and Chitohexaose", <u>Carbohydrate Research</u> , 151, 1986, pp. 403-408.
A.T.	A32	U.S. Patent Application Serial No. 10/012,999, filed November 13, 2001, by S. Malik for "Multicomponent Compositions Containing Chitosan and Methods of Preparing Same".

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

Examiner:

Linh Phuong

Date Considered:

9/23/03



#3

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U.S. PATENT DOCUMENTS								
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date	
<i>L.T.</i>	A1	4,950,709	08/21/1990	Schlueter et al.				
<i>L.T.</i>	A2	5,578,661	11/26/1996	Fox et al.				
	A3							
	A4							
	A5							
	A6							
Foreign Patent Documents								
							Trans.	
Initials		Doc. No.	Date	Country	Class	Subclass	Yes	No
<i>L.T.</i>	A1	0206697A2	12/30/1986	EP				
	A2							
Other Documents								
Initials		Author, Title, Date, Pages, etc.						
	A1							
	A2							

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#4

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U.S. PATENT DOCUMENTS								
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date	
L.T.	A1	5,158,555	10/27/1992	Porzilli				
L.T.	A2	5,823,983	10/20/1998	Rosofsky et al.				
	A3							
	A4							
	A5							
	A6							
Foreign Patent Documents								
							Trans.	
Initials		Doc. No.	Date	Country	Class	Subclass	Yes	No
L.T.	A1	96/13282	05/09/1996	WO				
	A2							
	A3							
Other Documents								
Initials		Author, Title, Date, Pages, etc.						
L.T.	A1	Fwu-Long Mi et al., "Fabrication and characterization of a sponge-like asymmetric chitosan membrane as a wound dressing", <u>Biomaterials</u> , England, Vol. 22, No. 2, January 2001, pp. 165-173.						
L.T.	A2	PCT International Search Report, December 9, 2002, for International Application No. PCT/US 02/29813.						
	A3							
	A4							
	A5							
	A6							

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Examiner:

Lark Trevoy

Date Considered:

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